

Mathematical Reflections

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In this investigation, you used a graphing calculator to help you understand relationships between variables. These questions will help you summarize what you have learned.

Think about your answers to these questions. Discuss your ideas with other students and your teacher. Then write a summary of your findings in your notebook.

1.
 - a. Describe the steps required to make a calculator table that shows how two variables are related.
 - b. How can you scan a calculator table to answer questions about a relationship?
2.
 - a. Describe the steps required to make a calculator graph that shows how two variables are related.
 - b. How can you trace a calculator graph to answer questions about a relationship?
3. What are the advantages and disadvantages of using tables and graphs to solve problems and search for patterns? In what ways is using a calculator more useful than using paper-and-pencil methods? In what ways is it less useful?